SPYWOLF

Security Audit Report

Completed on
November 22, 2023

$TENGCEO

OVERVIEW

This audit has been prepared for **Teng CEO** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

"

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

– SPYWOLF Team –

"

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TENG CEO

PROJECT DESCRIPTION

According to their website:

"THERE IS NO BETTER WAY TO HONOUR THE NEW CEO of BINANCE THAN LAUNCH A BSC COMMUNITY DRIVEN TOKEN AND SEND IT TO THE MOON. AS EXPERIENCED DEVS AND BSC TRADERS WE BELIEVE THE SPACE IS READY FOR THE NEXT BIG CEO TOKEN, REMEMBER CZCEO??? WELL THERE'S A NEW CEO AT THE HEAD OF BINANCE AND IT'S TIME FOR HIM TO SHINE, $TengCEO! WITH OUR LOW TAXES, HUGE MARKETING PLANS AND A STRONG COMMUNITY TENG CEO IS A ONE WAY TICKET TO BECOMING RICH!!"

Release Date: Presale starts in November, 2023

Category: Meme token

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CONTRACT INFO

Token Name
Teng CEO

Symbol
TENGCEO

Contract Address
0x09b2F754E971e8651D52894Da181DbD7CC0aBeDF

Network
Binance Smart Chain

Language
Solidity

Deployment Date
Nov 22, 2022

Contract Type
Token with taxes

Total Supply
420,000,000,000

Status
Not launched

TAXES

Buy Tax
none

Sell Tax
3%

*Taxes can be changed in future

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

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TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	420000000000 TENGCEO
Median Transfer Amount	420000000000 TENGCEO
Average Transfer Amount	420000000000 TENGCEO
First transfer date	2023-11-22
Last transfer date	2023-11-22
Days token transferred	1

SMART CONTRACT STATS

Calls Count	3
External calls	3
Internal calls	0
Transactions count	3
Uniq Callers	1
Days contract called	1
Last transaction time	2023-11-22 14:41:12 UTC
Created	2023-11-22 14:36:24 UTC
Create TX	0xe45a73902eaaf3d02d011619cd9201e78b2b2bf126355ac68037f120beae4e21
Creator	0xb584da9517453bd579f175939525306520fe33a6

VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

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THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

FOUND THREATS

⚠️ High Risk

Owner can set buy/sell taxes up to 100% and transfer tax up to 10%. Combined buy+sell = 100%.
When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

```solidity
uint256 public denominator = 10_000;
function setBuyTax(uint256 _marketingTaxBuy) external onlyOwner {
    require(
        marketingTaxBuy != _marketingTaxBuy,
        "Buy Tax already on that amount"
    );
    require(_marketingTaxBuy <= 25_000, "Buy Tax cannot be more than 10%");

    marketingTaxBuy = _marketingTaxBuy;

    emit UpdateBuyTax(_marketingTaxBuy);
}

function setSellTax(uint256 _marketingTaxSell) external onlyOwner {
    require(
        marketingTaxSell != _marketingTaxSell,
        "Sell Tax already on that amount"
    );
    require(_marketingTaxSell <= 25_000, "Sell Tax cannot be more than 10%");

    marketingTaxSell = _marketingTaxSell;

    emit UpdateSellTax(_marketingTaxSell);
}

function setTransferTax(uint256 _marketingTaxTransfer) external onlyOwner {
    require(
        marketingTaxTransfer != _marketingTaxTransfer,
        "Transfer Tax already on that amount"
    );
    require(
        _marketingTaxTransfer <= 1_000,
        "Transfer Tax cannot be more than 10%"
    );

    marketingTaxTransfer = _marketingTaxTransfer;

    emit UpdateTransferTax(_marketingTaxTransfer);
}
```

- Recommendation:
  - Considered as good practice is buy and sell fees combined not to exceed 25%.

ℹ️ Informational

Owner can withdraw any tokens from the contract except the native TENGCEO token.
When this function is present, in cases tokens sent into the contract by mistake or purposefully, contract's owner can retrieve them.

```solidity
function claimStuckTokens(address token) external onlyOwner {
    require(token != address(this), "Owner cannot claim native tokens");

    if (token == address(0x0)) {
        payable(msg.sender).transfer(address(this).balance);
        return;
    }
    IERC20 ERC20token = IERC20(token);
    uint256 balance = ERC20token.balanceOf(address(this));
    ERC20token.safeTransfer(msg.sender, balance);
}
```

Owner can exclude address from fees.
When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```solidity
function setExcludeFromFees(
    address account,
    bool excluded
) external onlyOwner {
    require(
        _isExcludedFromFees[account] != excluded,
        "Account is already the value of 'excluded'"
    );
    _isExcludedFromFees[account] = excluded;

    emit UpdateExcludeFromFees(account, excluded);
}
```

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RECOMMENDATIONS FOR

GOOD PRACTICES

1	Consider fundamental tradeoffs
2	Be attentive to blockchain properties
3	Ensure careful rollouts
4	Keep contracts simple
5	Stay up to date and track development

TENG CEO

GOOD PRACTICES FOUND

✔ The owner cannot mint new tokens after deployment

✔ The owner cannot stop or pause the contract

✔ The owner cannot set a transaction limit

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There is no information about the initial
tokens distribution based on the project's
whitepaper and/or website.

TOKENOMICS

THE TEAM

⚠️ The team is annonymous

KYC INFORMATION

No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.

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Website URL
https://www.tengceo.com/

Domain Registry
https://www.wix.com

Domain Expiration
2024-11-21

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page design with appropriate color scheme and graphics.

Content
The information helps new investors understand what the product does right away. Few grammar mistakes found.
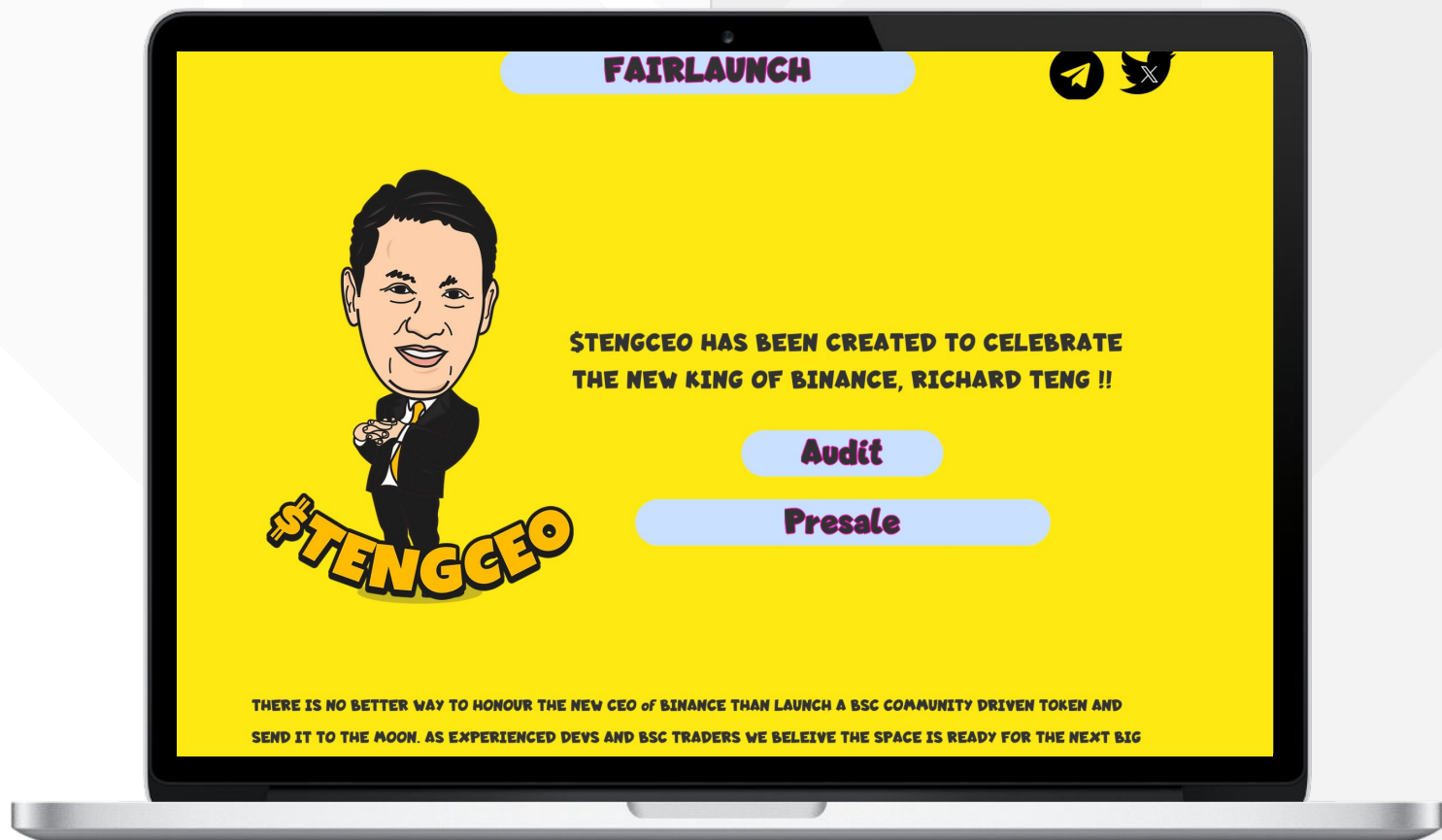
Whitepaper
No

Roadmap
No

Mobile-friendly?
Yes

FAIRLAUNCH

$TENGCEO HAS BEEN CREATED TO CELEBRATE THE NEW KING OF BINANCE, RICHARD TENG !!

Audit

Presale

$TENGCEO

THERE IS NO BETTER WAY TO HONOUR THE NEW CEO OF BINANCE THAN LAUNCH A BSC COMMUNITY DRIVEN TOKEN AND SEND IT TO THE MOON. AS EXPERIENCED DEVS AND BSC TRADERS WE BELEIVE THE SPACE IS READY FOR THE NEXT BIG

tengceo.com

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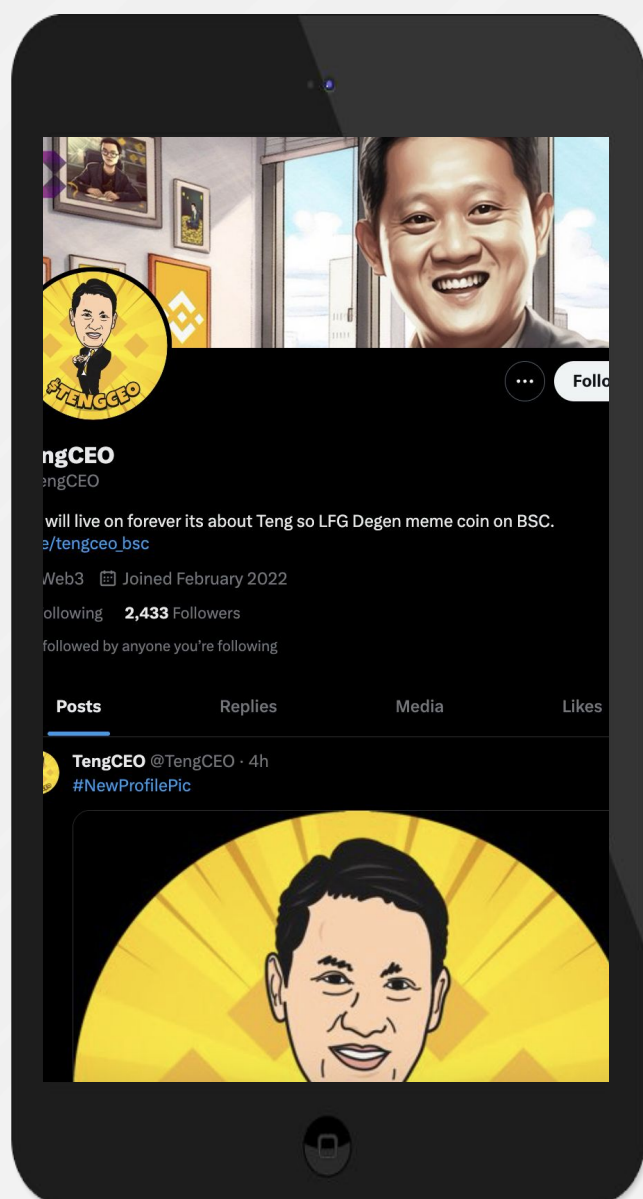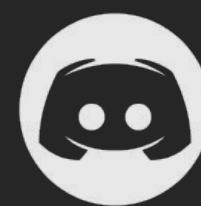# SOCIAL MEDIA
& ONLINE PRESENCE

ANALYSIS
Project's social media
pages are active

Twitter

@TengCEO

- 2 433 followers
- Posts frequently
- Active

Discord

- Not available

Telegram

@tengceo_bsc

- 10 members
- No active members
- New account

Medium

- Not available

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SPYWOLF
CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

✔ **OVER 700 SUCCESSFUL CLIENTS**

✔ **MORE THAN 1000 SCAMS EXPOSED**

✔ **MILLIONS SAVED IN POTENTIAL FRAUD**

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✔ **CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH**

To hire us, reach out to contact@spywolf.co or t.me/joe_SpyWolf

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.